

## Wilson, Erika

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**From:** Wayland, Richard  
**Sent:** Saturday, April 06, 2013 7:45 AM  
**To:** Lear, Gary  
**Cc:** Harvey, Reid  
**Subject:** Re: Konza Ozone Monitor

Gary,

Appreciate all your leadership on this issue. While not an outcome that we'd all hoped for, [REDACTED]

Thanks,  
Chet

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From: Lear, Gary  
Sent: Friday, April 05, 2013 10:07:14 PM  
To: John Blair  
Cc: Haeuber, Richard; Harvey, Reid; Wayland, Richard; Tapp, Joshua; TGross@kdheks.gov; rmanes@tnc.org; trewyn@k-state.edu; Kemp K Howell; Weber, Rebecca; Brian Spooner  
Subject: RE: Konza Ozone Monitor

John,

Thank you for your help in this matter. All CASTNET equipment, including the ozone analyzers, are federally owned and the CASTNET contractor (AMEC) is legally responsible for it. No one else is authorized to remove or transfer this equipment. I will coordinate with you and AMEC to schedule a site visit to remove the ozone instrument and related equipment.

Best Regards,

Gary

Gary Lear  
Sr. Environmental Scientist  
CASTNET Program Manager  
202-343-9159  
USEPA/OAR/OAP/CAMD  
Washington DC

-----Original Message-----

From: John Blair [mailto:jblair@ksu.edu]  
Sent: Friday, April 05, 2013 7:30 PM  
To: Lear, Gary  
Cc: Haeuber, Richard; Harvey, Reid; Wayland, Richard; Tapp, Joshua; TGross@kdheks.gov; rmanes@tnc.org; trewyn@k-state.edu; Kemp K Howell; Weber, Rebecca; Brian Spooner  
Subject: Re: Konza Ozone Monitor

Gary, Becky, and others,

I believe that John Briggs (Director, Konza Prairie Biological Station) responded to Tom Gross and others to indicate that we ceased data collection from the CASTNET ozone monitor at the Konza site as of ~2:30 pm this afternoon. I will await further instructions from CASTNET Program administrators, or their designee, before proceeding with physical removal of the monitor from the site. Since KDHE was not involved in the installation or operation of the site, I think we would need permission from CASTNET personnel before allowing KDHE staff to remove the monitor from the site. I oversee the research personnel that have been acting as local operators of the Konza CASTNET site since its installation in 2002, and I serve as the local contact for the CASTNET site. Please keep me informed of any decisions regarding removal of EPA equipment from the site.

John Blair  
Konza Prairie LTER, PI

----- Original Message -----

From: "Gary Lear" <Lear.Gary@epa.gov>

To: "Rebecca Weber" <Weber.Rebecca@epa.gov>

Cc: "Richard Haeuber" <Haeuber.Richard@epa.gov>, "Reid Harvey" <Harvey.Reid@epa.gov>, "Richard Wayland" <Wayland.Richard@epa.gov>, "Joshua Tapp" <Tapp.Joshua@epa.gov>, TGross@kdheks.gov, rmanes@tnc.org, trewyn@k-state.edu, "John Blair" <jblair@ksu.edu>, "Kemp K Howell" <Kemp.Howell@amec.com>

Sent: Friday, April 5, 2013 4:25:34 PM

Subject: RE: Konza Ozone Monitor

Becky,

We understand from the emails below, received by Josh Trapp in EPA Region 7, that there have been specific requests to discontinue ozone monitoring at CASTNET site KNZ184 from two parties: Rob Manes of the Nature Conservancy (owner of the land on which the site is located) and Ron Trewyn of Kansas State University (the operators of the site). Thank you for forwarding these communications, as well as the communication from Tom Gross of the KDHE Bureau of Air regarding the requests to discontinue ozone monitoring at this site.

In view of these requests, we will work with our contractor and the site operator to implement the appropriate procedures to remove the equipment from the site.

Best Regards,

Gary Lear

Sr. Environmental Scientist

CASTNET Program Manager

202-343-9159

USEPA/OAR/OAP/CAMD

Washington DC

From: Weber, Rebecca  
Sent: Thursday, April 04, 2013 2:11 PM  
To: Lear, Gary; Wayland, Richard  
Cc: Haeuber, Richard; Puchalski, Melissa; Harvey, Reid  
Subject: RE: Konza Ozone Monitor

From: Tom Gross [mailto:TGross@kdheks.gov]  
Sent: Thursday, April 04, 2013 9:08 AM  
To: Tapp, Joshua; Jay, Michael; Weber, Rebecca; Davis, Michael; Nichols, Robert; Kemp, Lachala  
Cc: Rick Brunetti; John Mitchell; Douglas Watson  
Subject: FW: Konza Ozone Monitor

Greetings all

In case you have not been copied yet, Josh received the following e-mail late yesterday afternoon regarding the Konza ozone monitor. I would like to make arrangements with whoever is appropriate to have the monitor unplugged. I would be happy to have one of my staff retrieve the monitor and deliver it to the R7 lab. I would feel more comfortable doing so with an OK from someone at R7. I have a call in to Josh but I understand he is in a meeting. It is something I would like to sort out today.

Thanks, Tom

Thomas Gross

Bureau of Air

Kansas Department of Health and Environment

1000 SW Jackson, Suite 310

Topeka, Kansas 66612

(785) 296-1692

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From: rmanes@tnc.org [mailto:rmanes@tnc.org]

Sent: Wednesday, April 03, 2013 4:15 PM

To: Tapp, Joshua

Cc: John Briggs; Brian K. Obermeyer; Lance Hedges; Tom Gross; R.W. Trewyn

Subject: Re: Konza Ozone Monitor

Dear Mr. Tapp:

The Nature Conservancy strongly supports science-based restoration and stewardship of environmental health in all realms, including air quality. However, after consulting with our partners at Kansas State University (see message below), as well as other experts and stakeholders, I am sending this message to ask that the EPA monitoring equipment that is used for compliance data gathering be removed from Konza Biological Research Station as soon as possible. If I need to take further action in order to complete this removal, please let me know; or call me (620-388-1940), if you would like to discuss this further.

Sincerely,

Rob Manes

Director, The Nature Conservancy of Kansas

Rob:

Following lengthy discussions with our Konza Prairie Biological Station leadership team and others at Kansas State regarding the ozone monitor on the CASTNET system, it appears the only acceptable path forward is to remove the ozone monitor from the Konza site while retaining the other CASTNET components along with our member status in the

CASTNET research network. Being a research site has always been our goal; being a regulatory site was neither anticipated nor desired.

It's not clear what steps are required to actually remove the ozone monitor from the system, but the sooner that can be done the better.

Please let me know if you have any questions and thank you for your assistance in facilitating this request.

Best wishes,

Ron

R.W. Trewyn, PhD  
Vice President for Research  
Kansas State University  
105 Anderson Hall  
Manhattan, KS 66506-0113  
Phone: 785/532-5110  
Fax: 785

Sent from my Verizon Wireless BlackBerry

From: "Tapp, Joshua" <Tapp.Joshua@epa.gov >

Date: Wed, 27 Mar 2013 18:42:20 +0000

To: Robert Manes< RMANES@TNC.ORG >

Cc: John Briggs< jbriggs1@k-state.edu >; Brian K. Obermeyer< BOBERMEYER@TNC.ORG >; Lance Hedges< lhedges@TNC.ORG >; Tom Gross< TGross@kdheks.gov >; Weber, Rebecca< Weber.Rebecca@epa.gov >; Jay, Michael< Jay.Michael@epa.gov >; Grier, Gina< Grier.Gina@epa.gov >; Kemp, Lachala< Kemp.Lachala@epa.gov >; Lear, Gary< Lear.Gary@epa.gov >; Harvey, Reid< Harvey.Reid@epa.gov >; Haeuber, Richard< Haeuber.Richard@epa.gov >; Wayland, Richard< Wayland.Richard@epa.gov >

Subject: RE: Konza Ozone Monitor

Dear Mr. Manes:

Thank you for your email which expressed support for the Konza Prairie CASTNET site. We agree that such sites provide valuable research regarding rural atmospheric chemistry, ecological impacts, and the development of atmospheric models and we appreciate the partnership of the Nature Conservancy of Kansas in this effort. I have also noted your stated concerns regarding the conversion of the ozone portion of the CASTNET monitor to a regulatory monitor. By this email I am forwarding those concerns to Mr. Gary Lear who has the national lead for EPA's CASTNET program.

You can expect a follow up email from Mr. Lear shortly providing you with information regarding the process by which you can formally request the discontinuance of the ozone monitor and if you wish, reaffirm your support for the remainder of the CASTNET site.

If I can be of further assistance to you, please do not hesitate to call me.

Regards,

Josh

Joshua A. Tapp, Chief

Air Planning Branch

US EPA Region 7

11201 Renner Blvd

Lenexa, KS 66219

913.551.7606

From: Robert Manes [mailto:RMANES@TNC.ORG]

Sent: Wednesday, March 27, 2013 12:07 AM

To: Tapp, Joshua

Cc: John Briggs; Brian K. Obermeyer; Lance Hedges; Tom Gross

Subject: Konza Ozone Monitor

Dear Mr. Tapp:

The purpose of this message is to communicate concerns, on behalf of The Nature Conservancy of Kansas (TNC), regarding the ozone monitor currently sited at Konza Biological Station, a 9,000-acre research property near Manhattan, KS, owned primarily by TNC and operated by Kansas State University. I would first emphasize that TNC continues to fully support the CASTNET monitoring program goals of providing long-term data sets for ozone and other air quality parameters. We also support the gathering of scientific data that can aid in analyzing, abating and facilitating adaptation to climate change.

I was concerned, however, to learn recently that the status of the Konza monitoring station had, two years ago, been changed from a research purpose to a regulatory purpose. I cannot recall or find record that TNC was consulted about, or notified of, this change. As a result, neither we nor Kansas State University representatives were able to evaluate or communicate implications of the change.

While neither I nor my staff possess particular expertise in technical aspects of air quality monitoring or enforcement, we are aware that use of data from Konza for regulatory purposes could have negative and unintended impacts on important research, conservation and other activities in the region, including prescribed and experimental burning. We are committed to continuing the long-term research efforts that have been underway at the Konza site for over a decade. We recognize the importance of long-term air quality data sets to EPA and to researchers at the Konza Prairie. However, I do want to have opportunity to discuss whether it is appropriate for the Konza monitor to continue in place for regulatory purposes.

Mr. Tom Gross of KDHE informed me of a scheduled call on the afternoon of April 11<sup>th</sup> to discuss this issue. I would appreciate the opportunity to participate in that discussion, or in another near-term venue to address this issue. Please feel free to call me at your earliest convenience at the mobile phone number below.

Thank you.

Rob Manes

Director, The Nature Conservancy of Kansas

785-233-4400 (office)

620-388-1940 (mobile)

700 SW Jackson, Suite 804

Topeka, KS 66603

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